Table A.2.20 North Field/Main Yard AOC 3 Summary of Boring Log and Analytical Data

Boring/ Date/ Report	Total Depth of Boring	Depth to Water[1]	Lithologic Description[2] (Observation Notes)	Maximum PID Response, ppm_v (Depth)	Sample Type[3]	Sample ID (depth)	Analyses[4]	COC Concentrations Greater Than Delineation Criteria
H0301 8/5/99 2nd OWSS MY 3	12	3	Fill: 0-7 (light green staining at 3-4) Clay and Sand: 7-12	39.1 (4-5)	Water	H0301	V, S, M	Arsenic: 35.4 ug/L Lead: 101 ug/L Vanadium: 129 ug/L
H0300 8/5/99 2nd OWSS MY 3	12	4	Fill: 0-9 Clay: 9-12	0	Water	H0300	V, S, M	Lead: 13.8
H0299 8/15/99 2nd OWSS MY3	16	8	Fill: 0-3 (light green staining at 0-3) Clay: 3-16	10.4 (2 to 3)	Water	H0299	V, S, M	None
H0298 8/5/99 2nd OWSS MY 3	10	0	Fill: 0-6 Clay: 6-8	0	Water	H0298	V, S, M	Arsenic: 11.1 ug/L Lead: 21.4 ug/L
SB0080 11/17/95 1st Soils AOC 3	6	2.3	Fill: 0 to 6: (petroleum odor, staining at .5-2; petroleum odor, sheen at 2.5-4)	60 (0 to 2)	P, S, F	SB0080SA (0-2)	V, S, TPH	None
SB0079 11/16/95 1st Soils AOC 3	10	2	Fill: 0 to 2.3	0	P, S, F	SB0079SB (2-4)	V, S, TPH	None
SB0078 11/16/95 1st Soils AOC 3	10	4	Fill: 0 to 5	0	P, S, F	SB0078SB (2-4)	V, S, TPH	None
SB0077 11/16/95 1st Soils AOC 3	6	3	Fill: 0 to 6: (trace black staining at 4-6)	4 (4 to 6)	P, U, F	SB0077SA (0-2	V, S, TPH	None
TPZ8GW 2/27/98 1st Groundwater AOC 3	9	0.75	Fill: 0 to 9	0	None			

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Boring/ Date/ Report	Total Depth of Boring	Depth to Water[1]	Lithologic Description[2] (Observation Notes)	Maximum PID Response, ppm_v (Depth)	Sample Type[3]	Sample ID (depth)	Analyses[4]	COC Concentrations Greater Than Delineation Criteria
TPZ7GW 2/27/98 1st Groundwater AOC 3	8	0.86	Fill: 0to 8 (slight hydrocarbon odor at 0-2)	0	None			
TPZ6GW 2/27/98 1st Groundwater AOC 3	11	0.35	Fill: 0 to 11	0	None			
H0129 4/6/98 1st Groundwater AOC 3	6	4.5	Fill: 0 to 6: (slight hydrocarbon odor at 0-2)	32 (1 to 2)	Water	H0129A	V, S	None
HP0094 11/17/95 1st Groundwater AOC 3	6	2.3	Fill: 0-6 (petroleum odor, staining at 0-6; sheen at 2.5-6)	60 (0 to 2)	Water	HP0094	V, S	None

NOTES:

Benzene and benzo(a)pyrene are highlighted in bold because they are indicator constituents of concern (COCs)

Shaded rows indicate samples collected from nearby SWMUs/AOCs

ppm_v = parts per million (volume basis)

All depths referenced on this summary table are in feet below the ground surface.

PID = Photoionization detector.

ID = Identifier.

mg/kg = milligrams per kilogram (equivalent to parts per million).

µg/L = micrograms per liter (equivalent to parts per million).

[1]Depth to water as observed during borehole advancement.

[2]"Fill" encountered within the completed borings was characteristically described as an asphalt layer (typical) underlain by a heterogeneous gravel to clay mixture of unconsolidated materials, ranging in color from tan to gray with occasional construction debris (e.g., brick) present. In some locations, the fill material is further characterized by containing a slag or beaded material, in which case it is noted within the table. Also noted on the table are any other olfactory or visual observations that indicate potential petroleum-type impacts within the fill unit were observed.

[3]P – property boundary, O – on-site, U – unsaturated, S – saturated, F – fill, N – native. "None" indicates that no sample was collected.

[4]V – VOCs, S – SVOCs, M – metals, Pb – lead, TOL – total organic lead, TEL – tetraethyl lead, TPH – Total Petroleum Hydrocarbons; SPLP– Synthetic Precipitation Leaching Procedure; -Phys. Char.--physical characteristics.